

microscope objective in the path of rays of the confocal microscope, and wherein an object is measurable from a plurality of angular positions without physical rotation of the measured object.

42. (New) A confocal microscope defining a path of rays and comprising:
 an ocular;
 a tube lens; and
 a rotatable optical system for image rotation disposed in the path of rays of the confocal microscope, wherein the rotatable optical system is disposed between a scanning lens and a scanning mirror of a laser scanner in the path of rays of the confocal microscope, and wherein an object is measurable from a plurality of angular positions without physical rotation of the measured object.